

Seppo Ylä-Ah-Herttuala

List of Publications by Year in descending order

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679
papers

45,695
citations

1368

108
h-index

3094

187
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705
all docs

705
docs citations

705
times ranked

39601
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term safety and efficacy of intramyocardial adenovirus-mediated VEGF-D1 ¹ C gene therapy eight-year follow-up of phase I KAT301 study. <i>Gene Therapy</i> , 2022, 29, 289-293.	2.3	13
2	AAV2-VEGF-B gene therapy failed to induce angiogenesis in ischemic porcine myocardium due to inflammatory responses. <i>Gene Therapy</i> , 2022, 29, 643-652.	2.3	7
3	Antiadenovirus Antibodies Predict Response Durability to Nadofaragene Firadenovec Therapy in BCG-unresponsive Non-muscle-invasive Bladder Cancer: Secondary Analysis of a Phase 3 Clinical Trial. <i>European Urology</i> , 2022, 81, 223-228.	0.9	8
4	Nuclear microRNA-466c regulates Vegfa expression in response to hypoxia. <i>PLoS ONE</i> , 2022, 17, e0265948.	1.1	10
5	Rapid high-throughput compatible label-free virus particle quantification method based on time-resolved luminescence. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4509-4518.	1.9	2
6	Lentiviral interferon: A novel method for gene therapy in bladder cancer. <i>Molecular Therapy - Oncolytics</i> , 2022, 26, 141-157.	2.0	3
7	RNA interference-based therapies for the control of atherosclerosis risk factors. <i>Current Opinion in Cardiology</i> , 2022, 37, 364-371.	0.8	2
8	Assessment of myocardial viability with [15O]water PET: A validation study in experimental myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1271-1280.	1.4	19
9	Computed tomography coronary angiography for patients with heart failure (CTA-HF): a randomized controlled trial (IMAGE-HF 1C). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1083-1090.	0.5	9
10	BMP6/TAZ-Hippo signaling modulates angiogenesis and endothelial cell response to VEGF. <i>Angiogenesis</i> , 2021, 24, 129-144.	3.7	91
11	Intravesical nadofaragene firadenovec gene therapy for BCG-unresponsive non-muscle-invasive bladder cancer: a single-arm, open-label, repeat-dose clinical trial. <i>Lancet Oncology</i> , 2021, 22, 107-117.	5.1	172
12	Quantification of Myocardial Blood Flow by Machine Learning Analysis of Modified Dual Bolus MRI Examination. <i>Annals of Biomedical Engineering</i> , 2021, 49, 653-662.	1.3	2
13	Viral-Vector-Delivered Anti-Angiogenic Therapies to the Eye. <i>Pharmaceutics</i> , 2021, 13, 219.	2.0	10
14	Arterial Gene Transfer With Lentivirus Vectors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1156-1157.	1.1	0
15	The Ablation of VEGFR-1 Signaling Promotes Pressure Overload-Induced Cardiac Dysfunction and Sudden Death. <i>Biomolecules</i> , 2021, 11, 452.	1.8	3
16	Optimized Protocol for Accurate Titration of Adeno-Associated Virus Vectors. <i>Human Gene Therapy</i> , 2021, 32, 1270-1279.	1.4	11
17	Gene therapy for ischaemic heart disease and heart failure. <i>Journal of Internal Medicine</i> , 2021, 290, 567-582.	2.7	24
18	Evaluation of glucagon-like peptide-1 receptor expression in nondiabetic and diabetic atherosclerotic mice using PET tracer ⁶⁸ Ga-NODAGA-exendin-4. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E989-E998.	1.8	5

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19	Experimental Evaluation of an Interferometric Light Microscopy Particle Counter for Titering and Characterization of Virus Preparations. <i>Viruses</i> , 2021, 13, 939.	1.5	10
20	Genomic Landscapes of Noncoding RNAs Regulating <i>VEGFA</i> and <i>VEGFC</i> Expression in Endothelial Cells. <i>Molecular and Cellular Biology</i> , 2021, 41, e0059420.	1.1	12
21	Cyclo-oxygenase 2, a putative mediator of vessel remodeling, is expressed in the brain AVM vessels and associates with inflammation. <i>Acta Neurochirurgica</i> , 2021, 163, 2503-2514.	0.9	3
22	Novel RNAi-Based Therapies for Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2021, 23, 45.	2.0	13
23	Single-Cell Epigenomics and Functional Fine-Mapping of Atherosclerosis GWAS Loci. <i>Circulation Research</i> , 2021, 129, 240-258.	2.0	61
24	Characterization of a functional endothelial super-enhancer that regulates <i>ADAMTS18</i> and angiogenesis. <i>Nucleic Acids Research</i> , 2021, 49, 8078-8096.	6.5	13
25	Profiling of Primary and Mature miRNA Expression in Atherosclerosis-Associated Cell Types. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2149-2167.	1.1	17
26	Efficacy and Safety of Clinical-Grade Human Vascular Endothelial Growth Factor-D ¹¹ C Gene Therapy Containing Residual Replication-Competent Adenoviruses. <i>Human Gene Therapy</i> , 2021, 32, 761-770.	1.4	5
27	Translating ribosome affinity purification identifies markers of atherosclerosis-associated smooth muscle cells. <i>Atherosclerosis</i> , 2021, 331, e65-e66.	0.4	0
28	Epigenetic Regulation of Vascular Smooth Muscle Cell Phenotype Switching in Atherosclerotic Artery Remodeling: A Mini-Review. <i>Frontiers in Genetics</i> , 2021, 12, 719456.	1.1	15
29	Functional fine-mapping of coronary artery disease risk variants identified by single-cell profiling of accessible chromatin in human atherosclerotic lesions. <i>Atherosclerosis</i> , 2021, 331, e17.	0.4	0
30	Adipose tissue exposed to high fat diet affects extracellular matrix genes in the mesenchymal stem cell population. <i>Atherosclerosis</i> , 2021, 331, e144.	0.4	0
31	Large Animal Model for Evaluating the Efficacy of the Gene Therapy in Ischemic Heart. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
32	PD09-02: ANTI-ADENOVIRAL ANTIBODY LEVELS PREDICT NADOFARAGENE FIRADENOVEC RESPONSE IN BCG-UNRESPONSIVE NMIBC: RESULTS FROM A PHASE 3 TRIAL. <i>Journal of Urology</i> , 2021, 206, .	0.2	0
33	Citrate-Saline-Formulated mRNA Delivery into the Heart Muscle with an Electromechanical Mapping and Injection Catheter Does Not Lead to Therapeutic Effects in a Porcine Chronic Myocardial Ischemia Model. <i>Human Gene Therapy</i> , 2021, 32, 1295-1307.	1.4	2
34	Therapeutic Angiogenesis: Translational and Clinical Experience. <i>Reference Series in Biomedical Engineering</i> , 2021, , 101-144.	0.1	0
35	Management of refractory angina: an update. <i>European Heart Journal</i> , 2021, 42, 269-283.	1.0	30
36	Finnish Society of Gene and Cell Therapy: A Visionary and Creative Player in the Field. <i>Human Gene Therapy</i> , 2021, 32, 986-986.	1.4	0

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37	Genome-Wide Association Study of Peripheral Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e002862.	1.6	24
38	Long-term safety and efficacy of intramyocardial adenovirus-mediated VEGF-D ¹ N ¹ C gene therapy: eight-year follow-up of phase 1 KAT301 study. <i>European Heart Journal</i> , 2021, 42, .	1.0	0
39	PeptiCHIP: A Microfluidic Platform for Tumor Antigen Landscape Identification. <i>ACS Nano</i> , 2021, 15, 15992-16010.	7.3	17
40	Therapeutic Angiogenesis: Translational and Clinical Experience. , 2021, , 1-45.		1
41	Functional roles of the membrane-associated AAV protein MAAP. <i>Scientific Reports</i> , 2021, 11, 21698.	1.6	18
42	Adenoviral VEGF-B186R127S gene transfer induces angiogenesis and improves perfusion in ischemic heart. <i>IScience</i> , 2021, 24, 103533.	1.9	6
43	SUR1-E1506K mutation impairs glucose tolerance and promotes vulnerable atherosclerotic plaque phenotype in hypercholesterolemic mice. <i>PLoS ONE</i> , 2021, 16, e0258408.	1.1	1
44	Detection of lentiviral suicide gene therapy in C6 rat glioma using hyperpolarised [¹³ C]pyruvate. <i>NMR in Biomedicine</i> , 2020, 33, e4250.	1.6	3
45	Amphiphilic phthalocyanines in polymeric micelles: a supramolecular approach toward efficient third-generation photosensitizers. <i>Journal of Materials Chemistry B</i> , 2020, 8, 282-289.	2.9	36
46	Adenoviral Gene Transfer of Gremlin Modulates Vascular Endothelial Growth Factor-A-Induced Angiogenesis in Porcine Myocardium. <i>Human Gene Therapy</i> , 2020, 31, 211-218.	1.4	1
47	Microanatomy of the Human Atherosclerotic Plaque by Single-Cell Transcriptomics. <i>Circulation Research</i> , 2020, 127, 1437-1455.	2.0	283
48	Comparison of Efficiency and Function of Vascular Endothelial Growth Factor Adenovirus Vectors in Endothelial Cells for Gene Therapy of Placental Insufficiency. <i>Human Gene Therapy</i> , 2020, 31, 1190-1202.	1.4	6
49	Translation of small-scale CAR-T cell manufacturing methods to a clinical-scale production platform. <i>Cytotherapy</i> , 2020, 22, S127-S128.	0.3	1
50	Hypoxia-Mediated Regulation of Histone Demethylases Affects Angiogenesis-Associated Functions in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2665-2677.	1.1	15
51	The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: the BAM1 trial. <i>European Heart Journal</i> , 2020, 41, 3702-3710.	1.0	47
52	MicroRNA-15b Targets VEGF and Inhibits Angiogenesis in Proliferative Diabetic Retinopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3404-3415.	1.8	62
53	Transcriptomics uncovers substantial variability associated with alterations in manufacturing processes of macrophage cell therapy products. <i>Scientific Reports</i> , 2020, 10, 14049.	1.6	16
54	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002769.	1.6	5

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55	Microvessels in Epithelial Ovarian Tumors: High Microvessel Density Is a Significant Feature of Malignant Ovarian Tumors. <i>Anticancer Research</i> , 2020, 40, 6923-6931.	0.5	12
56	Development of Large-Scale Downstream Processing for Lentiviral Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 717-730.	1.8	40
57	Susceptibility to Cardiac Arrhythmias and Sympathetic Nerve Growth in VEGF-B Overexpressing Myocardium. <i>Molecular Therapy</i> , 2020, 28, 1731-1740.	3.7	19
58	Intracerebral overexpression of miR-669c is protective in mouse ischemic stroke model by targeting MyD88 and inducing alternative microglial/macrophage activation. <i>Journal of Neuroinflammation</i> , 2020, 17, 194.	3.1	22
59	Therapeutic Antibody Against Phosphorylcholine Preserves Coronary Function and Attenuates Vascular 18F-FDG Uptake in Atherosclerotic Mice. <i>JACC Basic To Translational Science</i> , 2020, 5, 360-373.	1.9	9
60	Efficient Nuclease-Directed Integration of Lentivirus Vectors into the Human Ribosomal DNA Locus. <i>Molecular Therapy</i> , 2020, 28, 1858-1875.	3.7	12
61	Nucleic Acid-Based Therapies for Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2020, 22, 10.	2.0	22
62	Benchmarking of Scale-X Bioreactor System in Lentiviral and Adenoviral Vector Production. <i>Human Gene Therapy</i> , 2020, 31, 376-384.	1.4	17
63	Evaluation of Biodegradable Stent Graft Coatings in Pig and Rabbit Models. <i>Journal of Vascular Research</i> , 2020, 57, 65-75.	0.6	2
64	Extracellular vesicles provide a capsid-free vector for oncolytic adenoviral DNA delivery. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1747206.	5.5	27
65	Effects of dipeptidyl peptidase 4 inhibition on inflammation in atherosclerosis: A 18F-fluorodeoxyglucose study of a mouse model of atherosclerosis and type 2 diabetes. <i>Atherosclerosis</i> , 2020, 305, 64-72.	0.4	6
66	Abstract IA21: Intravesical gene therapy for NMIBC. , 2020, , .		0
67	Gene and protein therapy approaches to cardiac neovascularization and protection from ischemia. , 2020, , 649-666.		0
68	Lentiviral interferon with immune checkpoint blockade: A novel method for gene therapy in bladder cancer.. <i>Journal of Clinical Oncology</i> , 2020, 38, 33-33.	0.8	3
69	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. <i>PLoS ONE</i> , 2020, 15, e0241484.	1.1	10
70	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
71	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
72	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0

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73	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
74	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
75	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
76	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
77	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
78	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
79	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
80	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
81	High expression of Tie-2 predicts poor prognosis in primary high grade serous ovarian cancer. , 2020, 15, e0241484.		0
82	Nuclear factor E2-related factor 2 deficiency impairs atherosclerotic lesion development but promotes features of plaque instability in hypercholesterolaemic mice. Cardiovascular Research, 2019, 115, 243-254.	1.8	27
83	Changes in nuclear and cytoplasmic microRNA distribution in response to hypoxic stress. Scientific Reports, 2019, 9, 10332.	1.6	63
84	Quantification of porcine myocardial perfusion with modified dual bolus MRI – a prospective study with a PET reference. BMC Medical Imaging, 2019, 19, 58.	1.4	4
85	P3099Lymphatic insufficiency increases cardiac edema after myocardial infarction as assessed by novel magnetic resonance TRAFFn and T2 relaxation times. European Heart Journal, 2019, 40, .	1.0	0
86	Isolation of fresh endothelial cells from porcine heart for cardiovascular studies: a new fast protocol suitable for genomic, transcriptomic and cell biology studies. BMC Molecular and Cell Biology, 2019, 20, 32.	1.0	2
87	Preclinical Proof-of-Concept, Analytical Development, and Commercial Scale Production of Lentiviral Vector in Adherent Cells. Molecular Therapy - Methods and Clinical Development, 2019, 15, 63-71.	1.8	19
88	ASGCT Annual Meeting 2019. Molecular Therapy, 2019, 27, 1339.	3.7	0
89	Serial Optical Coherence Tomography at Baseline, 7 Days, and 1, 3, 6 and 12 Months After Bioresorbable Scaffold Implantation in a Growing Porcine Model. Circulation Journal, 2019, 83, 556-566.	0.7	1
90	Expression profiles of VEGF-A, VEGF-D and VEGFR1 are higher in distant metastases than in matched primary high grade epithelial ovarian cancer. BMC Cancer, 2019, 19, 584.	1.1	59

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91	Recent advances in novel therapies for lipid disorders. <i>Human Molecular Genetics</i> , 2019, 28, R49-R54.	1.4	15
92	Axon Guidance-Related Factor FLRT3 Regulates VEGF-Signaling and Endothelial Cell Function. <i>Frontiers in Physiology</i> , 2019, 10, 224.	1.3	16
93	Inhibition of urothelial carcinoma through targeted type I interferon-mediated immune activation. <i>Oncotarget</i> , 2019, 8, e1577125.	2.1	10
94	Bile-duct proliferation as an unexpected side-effect after AAV2-LDLR gene transfer to rabbit liver. <i>Scientific Reports</i> , 2019, 9, 6934.	1.6	13
95	Gene and Cell Therapy: Success Stories and Future Challenges. <i>Molecular Therapy</i> , 2019, 27, 891-892.	3.7	5
96	Molecular Imaging to Monitor Left Ventricular Remodeling in Heart Failure. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.4	3
97	Amyloid-Targeting PET Tracer [18F]Flutemetamol Accumulates in Atherosclerotic Plaques. <i>Molecules</i> , 2019, 24, 1072.	1.7	9
98	P1612The ablation of VEGFR-1 signaling promotes angiotensin II induced cardiac dysfunction and sudden death. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
99	Gene Therapy of Critical Limb Ischemia Enters Clinical Use. <i>Molecular Therapy</i> , 2019, 27, 2053.	3.7	11
100	Comparative transcriptome analysis of matched primary and distant metastatic ovarian carcinoma. <i>BMC Cancer</i> , 2019, 19, 1121.	1.1	15
101	Intestinal lymphatic vessels and their role in chylomicron absorption and lipid homeostasis. <i>Current Opinion in Lipidology</i> , 2019, 30, 370-376.	1.2	25
102	DNA methylation processes in atherosclerotic plaque. <i>Atherosclerosis</i> , 2019, 281, 168-179.	0.4	49
103	The development of interferon-based gene therapy for BCG unresponsive bladder cancer: from bench to bedside. <i>World Journal of Urology</i> , 2019, 37, 2041-2049.	1.2	21
104	Two Decades of Molecular Therapy: The Journey Continues. <i>Molecular Therapy</i> , 2019, 27, 1-2.	3.7	11
105	Beyond endothelial cells: Vascular endothelial growth factors in heart, vascular anomalies and placenta. <i>Vascular Pharmacology</i> , 2019, 112, 91-101.	1.0	25
106	Therapeutic effects of rosuvastatin in hypercholesterolemic prediabetic mice in the absence of low density lipoprotein receptor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 481-490.	1.1	1
107	<i>Clostridium difficile</i> toxins induce VEGF-A and vascular permeability to promote disease pathogenesis. <i>Nature Microbiology</i> , 2019, 4, 269-279.	5.9	62
108	Improved endothelialization of small-diameter ePTFE vascular grafts through growth factor therapy. <i>Vascular Biology (Bristol, England)</i> , 2019, 1, 1-9.	1.2	18

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109	Human serum albumin nanoparticles loaded with phthalocyanine dyes for potential use in photodynamic therapy for atherosclerotic plaques. <i>Precision Nanomedicine</i> , 2019, 2, 279-302.	0.4	3
110	Lentiviral interferon: A novel method for gene therapy in bladder cancer.. <i>Journal of Clinical Oncology</i> , 2019, 37, 456-456.	0.8	0
111	Gene Editing of Human Embryos with CRISPR/Cas9: Great Promise Coupled with Important Caveats. <i>Molecular Therapy</i> , 2018, 26, 659-660.	3.7	4
112	EphrinB2/EphB4 signaling regulates nonâ€sprouting angiogenesis by <scp>VEGF</scp>. <i>EMBO Reports</i> , 2018, 19, .	2.0	62
113	Exosomes as secondary inductive signals involved in kidney organogenesis. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1422675.	5.5	37
114	The effect of subcellular localization on the efficiency of EGFR-targeted VHH photosensitizer conjugates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 124, 63-72.	2.0	32
115	Endothelial cell differentiation is encompassed by changes in long range interactions between inactive chromatin regions. <i>Nucleic Acids Research</i> , 2018, 46, 1724-1740.	6.5	48
116	Somatic Activating <i>KRAS</i> Mutations in Arteriovenous Malformations of the Brain. <i>New England Journal of Medicine</i> , 2018, 378, 250-261.	13.9	330
117	Biodegradable coronary scaffolds: their future and clinical and technological challenges. <i>Cardiovascular Research</i> , 2018, 114, 1063-1072.	1.8	23
118	Activating the Chromatin by Noncoding RNAs. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 813-831.	2.5	20
119	Optimization of lentiviral vector production for scale-up in fixed-bed bioreactor. <i>Gene Therapy</i> , 2018, 25, 39-46.	2.3	64
120	The followâ€up of progressive hypertrophic cardiomyopathy using magnetic resonance rotating frame relaxation times. <i>NMR in Biomedicine</i> , 2018, 31, e3871.	1.6	7
121	Epigenomics. , 2018, , 258-265.		5
122	P5593AdVEGF-D induces functional angiogenesis and lymphangiogenesis in ischemic heart. <i>European Heart Journal</i> , 2018, 39, .	1.0	0
123	CRISPR/Cas9 and p53: An Odd Couple Requiring Relationship Management. <i>Molecular Therapy</i> , 2018, 26, 2711.	3.7	3
124	Long Non-Coding RNA Modulation of VEGF-A during Hypoxia. <i>Non-coding RNA</i> , 2018, 4, 34.	1.3	15
125	Transcriptional Profiling of Hypoxia-Regulated Non-coding RNAs in Human Primary Endothelial Cells. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 159.	1.1	25
126	Downregulation of VEGFR3 signaling alters cardiac lymphatic vessel organization and leads to a higher mortality after acute myocardial infarction. <i>Scientific Reports</i> , 2018, 8, 16709.	1.6	33

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127	Smoking is Associated to DNA Methylation in Atherosclerotic Carotid Lesions. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002030.	1.6	23
128	Deletion of Lymphangiogenic and Angiogenic Growth Factor VEGF-D Leads to Severe Hyperlipidemia and Delayed Clearance of Chylomicron Remnants. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2327-2337.	1.1	25
129	Human Vascular Endothelial Growth Factor A165 Expression Induces the Mouse Model of Neovascular Age-Related Macular Degeneration. <i>Genes</i> , 2018, 9, 438.	1.0	3
130	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018, 21, 425-532.	3.7	429
131	Differential but Complementary HIF1 [±] and HIF2 [±] Transcriptional Regulation. <i>Molecular Therapy</i> , 2018, 26, 1735-1745.	3.7	102
132	Positron Emission Tomography Imaging of Macrophages in Atherosclerosis with ¹⁸ F-GE-180, a Radiotracer for Translocator Protein (TSPO). <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-11.	0.4	27
133	Aluminum fluoride-18 labeled folate enables in vivo detection of atherosclerotic plaque inflammation by positron emission tomography. <i>Scientific Reports</i> , 2018, 8, 9720.	1.6	39
134	Highlighting the Field of Cardiovascular Regenerative Medicine. <i>Molecular Therapy</i> , 2018, 26, 1595.	3.7	0
135	Temporal Dynamics of Gene Expression During Endothelial Cell Differentiation From Human iPS Cells: A Comparison Study of Signalling Factors and Small Molecules. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 16.	1.1	10
136	All Eyes and Ears for Gene Therapy. <i>Molecular Therapy</i> , 2018, 26, 1867.	3.7	0
137	Local adventitial anti-angiogenic gene therapy reduces growth of vasa-vasorum and in-stent restenosis in WHHL rabbits. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 121, 145-154.	0.9	19
138	Future directions for therapeutic strategies in post-ischaemic vascularization: a position paper from European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology. <i>Cardiovascular Research</i> , 2018, 114, 1411-1421.	1.8	19
139	iPSC-Derived Cardiomyocytes Taken to Rescue Infarcted Heart Muscle in Coronary Heart Disease Patients. <i>Molecular Therapy</i> , 2018, 26, 2077.	3.7	6
140	Oxidized phospholipids are proinflammatory and proatherogenic in hypercholesterolaemic mice. <i>Nature</i> , 2018, 558, 301-306.	13.7	359
141	Development and Validation of ECG Analysis Algorithm in Mice. , 2018, , 271-285.		1
142	Doxycycline modulates VEGF-A expression: Failure of doxycycline-inducible lentivirus shRNA vector to knockdown VEGF-A expression in transgenic mice. <i>PLoS ONE</i> , 2018, 13, e0190981.	1.1	18
143	OBSOLETE: Epigenomics. , 2018, , .		0
144	Angiogenic gene therapy in cardiovascular diseases: dream or vision?. <i>European Heart Journal</i> , 2017, 38, ehw547.	1.0	123

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145	Cardiac Lymphatics â€“ A New Avenue for Therapeutics?. Trends in Endocrinology and Metabolism, 2017, 28, 285-296.	3.1	48
146	Effects of atorvastatin and diet interventions on atherosclerotic plaque inflammation and [18F]FDG uptake in Ldlr ^{-/-} /ApoB mice. Atherosclerosis, 2017, 263, 369-376.	0.4	18
147	Low interleukin-2 concentration favors generation of early memory T cells over effector phenotypes during chimeric antigen receptor T-cell expansion. Cytotherapy, 2017, 19, 689-702.	0.3	80
148	Left ventricular remodeling leads to heart failure in mice with cardiac ⁺ -specific overexpression of VEGF ¹⁶⁷ : echocardiography and magnetic resonance imaging study. Physiological Reports, 2017, 5, e13096.	0.7	14
149	Combined Gene Therapy Using AdsVEGFR2 and AdsTie2 With Chemotherapy Reduces the Growth of Human Ovarian Cancer and Formation of Ascites in Mice. International Journal of Gynecological Cancer, 2017, 27, 879-886.	1.2	15
150	Genome-Wide Dynamics of Nascent Noncoding RNA Transcription in Porcine Heart After Myocardial Infarction. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	17
151	Primary and metastatic ovarian cancer: Characterization by 3.0T diffusion-weighted MRI. European Radiology, 2017, 27, 4002-4012.	2.3	29
152	High Plasma Lipid Levels Reduce Efficacy of Adenovirus-Mediated Gene Therapy. Scientific Reports, 2017, 7, 386.	1.6	1
153	Cardiovascular Gene Therapy: Past, Present, and Future. Molecular Therapy, 2017, 25, 1095-1106.	3.7	141
154	The effect of intracoronary infusion of bone marrow ⁻ derived mononuclear cells on all ⁻ cause mortality in acute myocardial infarction: rationale and design of the <sc>BAMI</sc> trial. European Journal of Heart Failure, 2017, 19, 1545-1550.	2.9	45
155	Aggravated Postinfarct Heart Failure in Type 2 Diabetes Is Associated with Impaired Mitophagy and Exaggerated Inflammasome Activation. American Journal of Pathology, 2017, 187, 2659-2673.	1.9	48
156	Advances and Challenges in Cardiovascular Gene Therapy. Human Gene Therapy, 2017, 28, 1024-1032.	1.4	16
157	Adenoviral intramyocardial VEGF-D ¹ N ¹ C gene transfer increases myocardial perfusion reserve in refractory angina patients: a phase I/IIa study with 1-year follow-up. European Heart Journal, 2017, 38, 2547-2555.	1.0	109
158	Bumps in the Road for Commercial Gene Therapy for Rare Diseases. Molecular Therapy, 2017, 25, 2225.	3.7	2
159	The Pharmacology of Gene Therapy. Molecular Therapy, 2017, 25, 1731-1732.	3.7	22
160	Snake venom VEGF Vammin induces a highly efficient angiogenic response in skeletal muscle via VEGFR-2/NRP specific signaling. Scientific Reports, 2017, 7, 5525.	1.6	9
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